



0570
05/13

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Application Serial Number: 10/072,809
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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/072,809

DATE: 05/16/2002
TIME: 10:49:37

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\05162002\J072809.raw

3 <110> APPLICANT: Anderson, Marilyn, A., Lay, Fung T., Heath, Robyn, L.
5 <120> TITLE OF INVENTION: Plant-derived molecules and genetic sequences encoding same
and uses
6 therefor
8 <130> FILE REFERENCE: 18-01
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/072,809
C--> 11 <141> CURRENT FILING DATE: 2002-05-01
13 <150> PRIOR APPLICATION NUMBER: USSN 60/267,271
14 <151> PRIOR FILING DATE: 2001-02-08
16 <160> NUMBER OF SEQ ID NOS: 61
18 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

1693 <210> SEQ ID NO: 61
1694 <211> LENGTH: 112
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1696 <213> ORGANISM: Nicotiana glauca
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1700 <222> LOCATION: (2)..(2)
1701 <223> OTHER INFORMATION: X = A or G or K
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1704 <221> NAME/KEY: misc_feature
1705 <222> LOCATION: (3)..(3)
1706 <223> OTHER INFORMATION: X = R or N or L
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1716 <223> OTHER INFORMATION: X = C or F or R
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1719 <221> NAME/KEY: misc_feature
1720 <222> LOCATION: (7)..(7)
1721 <223> OTHER INFORMATION: X = F or L
1723 <220> FEATURE:
1724 <221> NAME/KEY: misc_feature
1725 <222> LOCATION: (8)..(8)
1726 <223> OTHER INFORMATION: X = M or F or I
1728 <220> FEATURE:

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/072,809

DATE: 05/16/2002

TIME: 10:49:37

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\05162002\J072809.raw

2158 <220> FEATURE:
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2161 <223> OTHER INFORMATION: X = no amino acid or D or M
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2164 <221> NAME/KEY: misc_feature
2165 <222> LOCATION: (112)..(112)
2166 <223> OTHER INFORMATION: X = no amino acid or N or E
2168 <400> SEQUENCE: 61

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W-->	2172	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Ala	Xaa	
	2173					20				25					30		
W-->	2175	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Ser	Xaa	Xaa	Phe	Xaa	Gly	Xaa	Cys	Xaa	Xaa
	2176			35				40					45				
W-->	2178	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Glu	Xaa	Phe	Xaa	Xaa	Gly
	2179		50					55				60					
W-->	2181	Xaa	Cys	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa	Cys	Thr	Xaa	Xaa	Cys	Xaa	
	2182	65				70				75					80		
W-->	2184	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
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W-->	2187	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
	2188				100				105						110		
E-->	2191	(22)															

- delete

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/072,809

DATE: 05/16/2002

TIME: 10:49:38

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\05162002\J072809.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:16
L:1354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:32
L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:16
L:1685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:16
L:1691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:32
L:2169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0
L:2172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:16
L:2175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:32
L:2178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:48
L:2181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:64
L:2184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:80
L:2187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:96
L:2191 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:61

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